

Title (en)

METHOD FOR EMBEDDING IMAGE IN VIDEO, AND METHOD AND APPARATUS FOR ACQUIRING PLANAR PREDICTION MODEL

Title (de)

VERFAHREN ZUR EINBETTUNG EINES BILDES IN VIDEO SOWIE VERFAHREN UND VORRICHTUNG ZUR ERFASSUNG EINES PLANAREN VORHERSAGEMODELLS

Title (fr)

PROCÉDÉ D'INCORPORATION D'UNE IMAGE DANS UNE VIDÉO, ET PROCÉDÉ ET APPAREIL D'ACQUISITION DE MODÈLE DE PRÉDICTION PLANAIRE

Publication

EP 4207745 A1 20230705 (EN)

Application

EP 21870805 A 20210508

Priority

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- CN 2021092267 W 20210508

Abstract (en)

Provided are a method for embedding an image in video, and a method and apparatus for acquiring a planar prediction model, relating to the field of image processing. The method comprises: inputting a video frame image of a video into a planar prediction model to obtain a predicted plane mask of the video frame image, said planar prediction model being obtained by training a deep learning model using training images with labels having planar detection frames and plane masks; embedding the image to be embedded into the plane mask of the predicted video frame image. By means of automatically finding plane masks widely present in the individual video frame images, and embedding an image to be embedded into a plane mask, not only is the image integrated automatically and naturally into the video, but the image is also more widely integrated into the video.

IPC 8 full level

H04N 5/265 (2006.01)

CPC (source: CN EP US)

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Citation (search report)

See references of WO 2022062417A1

Designated contracting state (EPC)

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